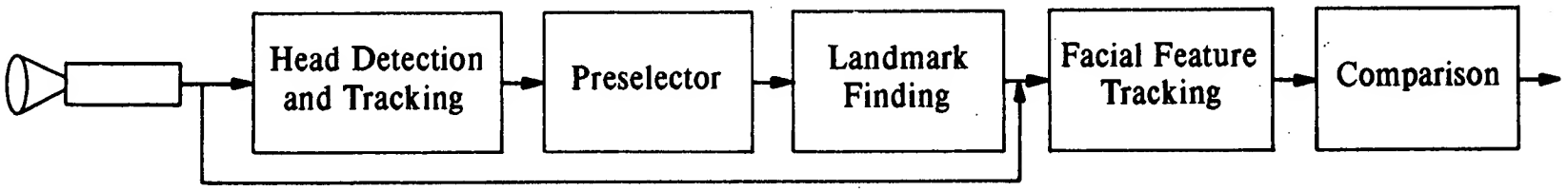
Head Detection and Tracking
Preselector
Landmark Finding
Facial Feature Tracking
Comparison

FIG. 1

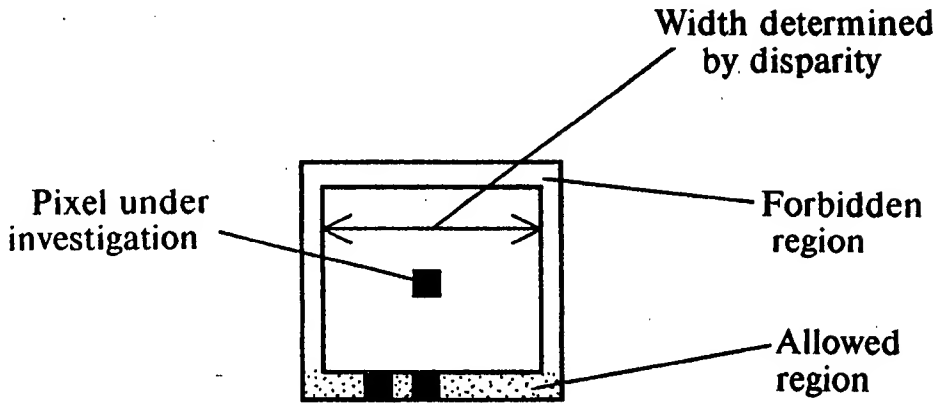
Width determined by disparity
Pixel under investigation
Forbidden region
Allowed region

FIG. 2

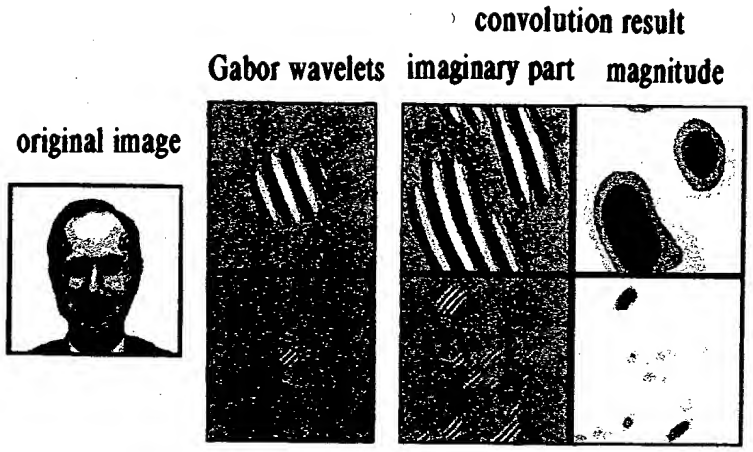
convolution result
Gabor wavelets
imaginary part
magnitude
original image

FIG. 3A

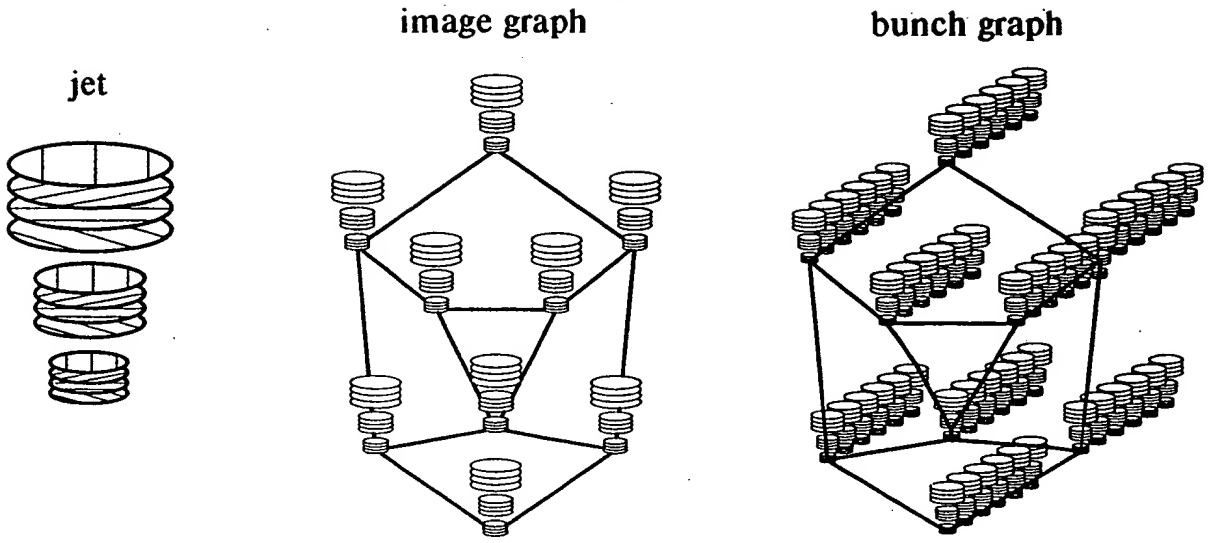

FIG. 3B

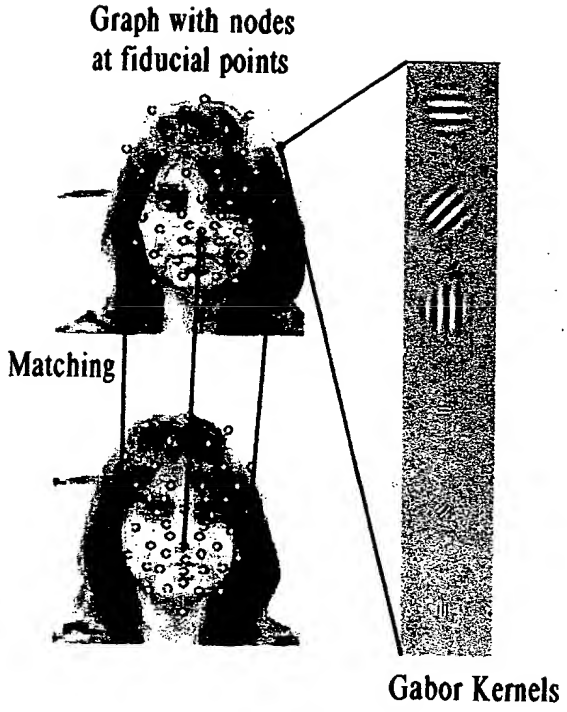
Graph with nodes
at fiducial points
Matching
Gabor Kernels

FIG. 4

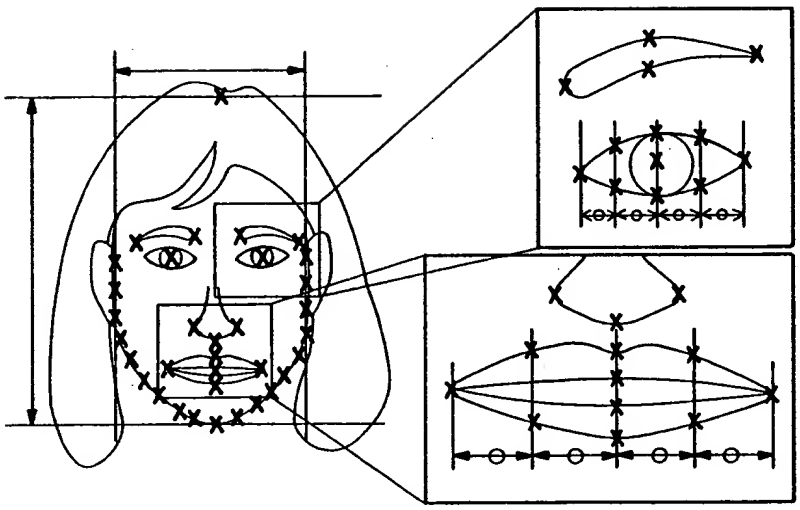

FIG. 5

FIG. 6

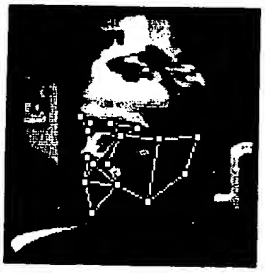

FIG. 7

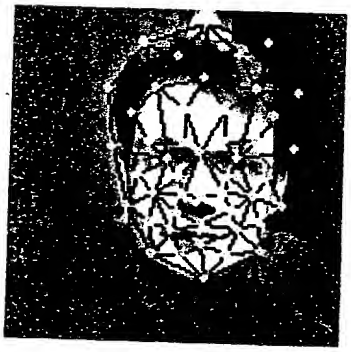

FIG. 8